**Mentee Information**

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**Fall 2014 Research Plan**

Write a brief outline of your research plan:

- The ultimate goal of my research is to design and build the on-chip transformer by using the technology of Self-Rolled-Up Silicon Nanomembrane Inductive Tube.
- The first step of my research is to learn the knowledge I need to build the transformer.
- The second step is to do the calculation and revise the design again and again.
- The third step is to fabricate a real transformer that is functional and meets the requirement.

What do you hope to learn and achieve by the end of the semester?

By the end of the semester, I hope that I can know some basic knowledge of integrated circuit and the passive and active components on it.